



August 28, 1974

Mr. Ray Krammes
Whittaker, Clark & Daniels, Inc.
1000 Coolidge St.
S. Plainfield, New Jersey 07080

Dear Mr. Krammes:

Thank you for calling 8/27/74 to inquire about differential thermal analysis of talc. We understand that you are interested in DTA as a means of detecting a component of asbestos which gives an exotherm at about 850°C. You indicated that the detectability limit is 0.5 - 1%.

We have the R. L. Stone Company DTA and it is capable of going to ca. 900°C in inert atmosphere. We would be pleased to perform such analyses for you. Our experience with inorganic materials is extensive, even though our main concern is with plastics. Often we perform analyses for inorganic materials used in plastics.

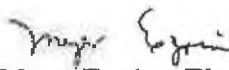
Our cost estimate for the analysis you inquired about is \$65 for one sample, and \$60 each for 2 or more at one time.

Ideally, we should have a sample containing the component in question at a known level to be sure of what the DTA method can detect.

We look forward to assisting you in any way we can.

Sincerely yours,

DeBELL & RICHARDSON, INC.


Myer Ezrin, Ph.D., Manager
Analytical Services
D&R Testing Institute

cag

Enclosure

PLAINTIFF'S
EXHIBIT
WCD-197



ANALYTICAL AND TESTING SERVICES

ANALYTICAL

Differential Thermal Analysis
Atomic Absorption Spectroscopy
Infrared Spectroscopy
Gas Chromatography
Liquid Chromatography

Thermogravimetric Analysis
Ultraviolet-Visible Spectroscopy
Thin Layer Chromatography
General Chemical Analysis

COMPETITIVE ANALYSIS - TROUBLE SHOOTING
COMPLETE COMPOSITIONAL ANALYSIS
ANALYSIS PER FDA REGULATIONS
DETERMINATION OF TRACE MATERIALS

POLYMER CHARACTERIZATION

Gel Permeation Chromatography - Analytical and Preparative
Membrane Osmometry
Light Scattering
Vapor Pressure Osmometry
Solution Viscometry

MOLECULAR WEIGHT DISTRIBUTION
MOLECULAR WEIGHT - $\bar{M}_z$, $\bar{M}_w$, $\bar{M}_v$, $\bar{M}_n$
FRACTIONATION AND CHARACTERIZATION OF FRACTIONS

PLASTICS TESTING

Mechanical	Gas Permeability	Environmental
Electrical	Flammability	Permanence
Thermal	Heat Aging	Pipe Testing
Optical	UV Aging	Rheology

SELECTION AND EVALUATION OF MATERIALS
TESTING TO ASTM, MILITARY AND COMMERCIAL SPECIFICATIONS
HYDROSTATIC DESIGN TESTING
PHYSICAL AND ELECTRICAL PROPERTIES VS. AGING CONDITIONS

For information, please call or write:

Dr. Myer Ezrin, Manager
Analytical Services